Bolt connection terminal block - RBO 12-3L-HC - 3076060

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Bolt connection terminal block, Connection method: Bolt connection, Cross section: 10 mm² - 240 mm², AWG: 8 - 500, Width: 147 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, ct screw connection

Key commercial data

Packing unit	1 pc
GTIN	4 046356 653206
Weight per Piece (excluding packing)	1342.1 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	6
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	415 A (At 240 mm² conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	415 A (At 240 mm² conductor cross section)
Nominal current I_N	415 A
Nominal voltage U_N	1500 V
Maximum load current	415 A (At 240 mm² conductor cross section)
Open side panel	nein

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Technical data

Dimensions

Width	147 mm
Length	265 mm
Height NS 35/7,5	88.3 mm
Height NS 35/15	95.8 mm

Connection data

Note	Connection bolts
Connection in acc. with standard	IEC 60947-7-1
Connection method	Bolt connection
Conductor cross section solid min.	10 mm²
Conductor cross section solid max.	240 mm²
Conductor cross section AWG/kcmil min.	8
Conductor cross section AWG/kcmil max	500
Conductor cross section stranded min.	10 mm²
Conductor cross section stranded max.	240 mm²
Min. AWG conductor cross section, stranded	8
Max. AWG conductor cross section, stranded	500
Cable lug connection according to standard	DIN 46 234
Min. cross section for cable lug connection	10 mm²
Max. cross section for cable lug connection	240 mm²
Cable lug connection according to standard	DIN 46,235
Min. cross section	25 mm²
Max. cross section	240 mm²
Screw thread	M12
Tightening torque, min	14 Nm
Tightening torque max	30 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Classifications

ETIM

ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Accessories

Accessories

Bridge

Connection rail - RBO 12-VS 2 - 3244669

Connection rail, Number of positions: 2, Color: silver

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

Connection rail - RBO 12-VS 3 - 3244672

Connection rail, Number of positions: 3, Color: silver

Cover

Covering hood - HC-RBO 12 - 3247983

Covering hood, Connection method: Bolt connection, Width: 49 mm, Height: 33 mm, Color: gray

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End block

End clamp - E/AL-NS 35 - 1201662

End clamp, for end support of UKH 50 to UKH 240, is pushed onto DIN rail NS 35 and fixed with 2 screws, width: 10 mm, color: aluminum

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Insulating sleeve

Insulating sleeve - PS-IH WH - 0311566

Insulating sleeve, Color: white

Insulating sleeve - PS-IH RD - 0311579

Insulating sleeve, Color: red

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

Insulating sleeve - PS-IH BU - 0311582

Insulating sleeve, Color: blue

Insulating sleeve - PS-IH YE - 0311595

Insulating sleeve, Color: yellow

Insulating sleeve - PS-IH GN - 0311605

Insulating sleeve, Color: green

Insulating sleeve - PS-IH GY - 0311621

Insulating sleeve, Color: gray

Insulating sleeve - PS-IH BK - 0311634

Insulating sleeve, Color: black

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

Insulating sleeve - PS-IH VT - 0311618

Insulating sleeve, Color: violet

Labeled device marker

Label - EML (51X25)R YE /RBO8 - 0801353

Label, yellow/black, labeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X1.2: Lightning flash, Mounting type: Adhesive, Lettering field: 51 x 25 mm

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Labeled terminal marker

Zack marker strip - ZB 10 CUS - 0824941

Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Zack marker strip - ZB10,LGS:FORTL.ZAHLEN - 1053014

Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Zack marker strip - ZB10,QR:FORTL.ZAHLEN - 1053027

Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

Zack marker strip - ZB10,LGS:GLEICHE ZAHLEN - 1053030

Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Identical numbers 1 or 2, etc. up to 100, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Marker for terminal blocks - ZB10,LGS:L1-N,PE - 1053412

Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Marker for terminal blocks - ZB10,LGS:U-N - 1053438

Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

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Marker for terminal blocks - UC-TM 10 CUS - 0824605

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 9.6 x 10.5 mm

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Marker for terminal blocks - UCT-TM 10 CUS - 0829623

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 8.9 x 9.6 mm

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Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

Zack Marker strip, flat - ZBF10 CUS - 0825031

Zack Marker strip, flat, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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Zack Marker strip, flat - ZBF10,LGS:FORTL.ZAHLEN - 0810009

Zack Marker strip, flat, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, Mounting type: Snap into flat marker groove, for terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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Zack Marker strip, flat - ZBF10,QR:FORTL.ZAHLEN - 0810025

Zack Marker strip, flat, Strip, white, labeled, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, Mounting type: Snap into flat marker groove, for terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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Marker for terminal blocks - UC-TMF 10 CUS - 0824662

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 10.2 mm, Lettering field: 9.6 x 5.1 mm

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Marker for terminal blocks - UCT-TMF 10 CUS - 0829679

Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into flat marker groove, for terminal block width: 10.2 mm, Lettering field: 9.4 x 4.7 mm

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Marker carriers

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

Terminal strip marker carrier - KLM 3-L - 0814788

Terminal strip marker carrier, height-adjustable, for end brackets CLIPFIX 15, CLIPFIX 35 and CLIPFIX 35-5, can be labeled with BMK...20 x 8 labels, or directly with the M-PEN or X-PEN

Mounting rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

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DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681

DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119

DIN rail 35 mm (NS 35)

DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122

DIN rail 35 mm (NS 35)

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704

DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

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DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421

DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434

DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM - 0801762

DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

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End cap - NS 35/ 7,5 CAP - 1206560

DIN rail end piece, for DIN rail NS 35/7.5

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730

DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 15 mm, width 35 mm, length: 2000 mm

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DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714

DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602

DIN rail 35 mm (NS 35)

DIN rail - NS 35/15 WH UNPERF 2000MM - 1204135

DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756

DIN rail, deep drawn, high profile, unperforated, 1.5 mm thick, material: aluminum, height 15 mm, width 35 mm, length 2000 mm

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Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599

DIN rail, material: Galvanized, perforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586

DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m

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DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM - 1201895

DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m

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End cap - NS 35/15 CAP - 1206573

DIN rail end piece, for DIN rail NS 35/15

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM - 1201798

DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m

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Planning and marking software

Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

Software - CLIP-PROJECT ADVANCED - 5146040

Multilingual software for easy planning of Phoenix Contact on DIN rails together with the integrated TRABTECH-select software module for planning comprehensive surge protection concepts.

Software - CLIP-PROJECT PROFESSIONAL - 5146053

Multi-lingual software for terminal strip project planning. A marking module allows professional labeling of markers and labels for marking terminal blocks, conductors, cables and devices. The additionally integrated software module TRABTECH-select for planning comprehensive surge protection concepts.

Terminal marking

Zack marker strip - ZB 10:UNBEDRUCKT - 1053001

Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.5 x 10.15 mm

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Marker for terminal blocks - UC-TM 10 - 0818069

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 9.6 x 10.5 mm

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Marker for terminal blocks - UCT-TM 10 - 0829142

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 8.9 x 9.6 mm

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Bolt connection terminal block - RBO 12-3L-HC - 3076060

Accessories

Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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Marker for terminal blocks - UC-TMF 10 - 0818124

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 10.2 mm, Lettering field: 9.6 x 5.1 mm

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Marker for terminal blocks - UCT-TMF 10 - 0829204

Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, Mounting type: Snap into flat marker groove, for terminal block width: 10.2 mm, Lettering field: 9.4 x 4.7 mm

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Test plug terminal block

Test plugs - PS-MT - 0311647

Test plugs

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